Author-Title Index

Abbott, D.C., see Kudritzki, R.P., et al. **219**, 205
Alfaro, E.J., see Delgado, A.J. **219**, 121
Andersen, J., Lindgren, H., Hazen, M.L., Mayor, M.: The pre-main-sequence binary system AK Scorpii **219**, 142
Atoyan, A.M., Nahapetian, A.: Active galactic nuclei as accreting turbulent synchrotron-self-Compton sources **219**, 53
Bajaja, E., Cappa de Nicolau, C.E., Martín, M.C., Morras, R., Olano, C.A., Pöppel, W.G.L.: A survey of several southern high-velocity complexes **219**, 363 *(78, 345)*
Balthasar, H., see Wöhl, H. **219**, 313
Baratta, G.A., Catalano, F.A., Leone, F., Strazzulla, G.: Post-perihelion photometry of comet Liller (1988a) at Catania (Italy) Observatory **219**, 322
Bertelli, G., see Chiosi, C., et al. **219**, 167
Beuermann, K., see Motch, C., et al. **219**, 158
Beuermann, K., Thomas, H.-C., Giommi, P., Tagliaferri, G., Schwope, A.D.: EXO 032957-2606.9: a new long-period probable AM Herculis binary **219**, L7
Biermann, P.L., see Chini, R., et al. **219**, 87
Bildhauer, S.: Freely propagating polarized radiation in curved space-times **219**, 25
Blackwell, D.E., see Petford, A.D. **219**, 366 *(78, 511)*
Börner, G., Houjun Mo, Yaoquan Chu: Richness-dependence of cluster-cluster correlations **219**, 29
Bouchet, P., see Maurice, E., et al. **219**, 365 *(78, 445)*
Brosche, P., Tassie, L.J.: A scenario for the formation of astronomical objects from superstrings **219**, 13
Bujarrabal, V., Gómez-González, J., Planesas, P.: CO and SiO thermal emission in evolved stars **219**, 256
Buontempo, M.E., see Lagerkvist, C.-I., et al. **219**, 366 *(78, 519)*
Butler, K., see Schöning, T. **219**, 326
Byard, K., see Dean, A.J., et al. **219**, 358
Canalle, J.B.G., Opher, R.: Cyclotron spectrum from a dipole magnetic field accretion column **219**, 334
Cappa de Nicolau, C.E., see Bajaja, E., et al. **219**, 363 *(78, 345)*
Carquillat, J.M., see Pédoussaut, A., et al. **219**, 364 *(78, 441)*
Catalano, F.A., see Baratta, G.A., et al. **219**, 322
Cavarischia, G.A., Morras, R.: Study of the fine structure in a high-positive velocity cloud **219**, 364 *(78, 437)*
Cellino, A., Di Martino, M., Drummond, J., Farinella, P., Paolicchi, P., Zappalà, V.: Vesta's shape, density and albedo features **219**, 320
Chini, R., Kreysa, E., Biermann, P.L.: The nature of radio-quiet quasars **219**, 87
Chini, R., see Meisenheimer, K., et al. **219**, 63
Chiosi, C., Bertelli, G., Meylan, G., Ortolani, S.: Globular clusters in the Large Magellanic Cloud: NGC 1866, a test for convective overshoot **219**, 167
Chyba, C.F., Jankowski, D.G., Nicholson, P.D.: Tidal evolution in the Neptune-Triton system **219**, L23
Clariá, J.J., Lapasset, E., Minniti, D.: Photometric metal abundances of high-luminosity red stars in young and intermediate-age open clusters **219**, 363 *(78, 363)*
Clavel, J., see Rodríguez-Pascual, P.M., et al. **219**, 101
Couteau, P., Docobo, J.A., Elipe, A., Ling, J.F.: Measurements of visual double stars made with the 152 cm telescope at Calar Alto **219**, 365 *(78, 483)*
Dachs, J., Poetzel, R., Kaiser, D.: Spectral energy distributions of Be stars. III. Envelope models derived from new measurements for 17 stars **219**, 365 *(78, 487)*
David, M., see Verschueren, W. **219**, 105
Dean, A.J., Lei Fan, Byard, K., Goldwurm, A., Hall, C.J., Harding, J.S.J.: The gamma-ray emissivity of the Earth's atmosphere **219**, 358
Delgado, A.J., Alfaro, E.J.: The calibration of intrinsic colours in *uvby* photometry **219**, 121
Deng, Z.-G., see Wen, Z., et al. **219**, 1
Dewdney, P.E., see Joncas, G., et al. **219**, 303
Di Martino, M., see Cellino, A., et al. **219**, 320
Docobo, J.A., see Couteau, P., et al. **219**, 365 *(78, 483)*
Dominiczak, R., see Stępien, K. **219**, 197
Drummond, J., see Cellino, A., et al. **219**, 320
Duncan, D.K., see Rutten, R.G.M., et al. **219**, 239
Edvardsson, B., see Tomkin, J., et al. **219**, L15
Elipe, A., see Couteau, P., et al. **219**, 365 *(78, 483)*
Fabbri, R., Lucchin, F., Matarrese, S.: The effect of primordial perturbations on the extragalactic infrared background **219**, 7
Farinella, P., see Cellino, A., et al. **219**, 320
Faurobert-Scholl, M., Frisch, H.: Asymptotic analysis of resonance polarization and escape probability approximations **219**, 338
Fitzpatrick, E.L., see Walborn, N.R., et al. **219**, 229
Fricke, K.J., see Kollatschny, W. **219**, 34
Frisch, H., see Faurobert-Scholl, M. **219**, 338
Fuentes, F.J., see Navarro, R., et al. **219**, 362
Fürst, E., see Schlickeiser, R. **219**, 192

Author-Title Index

Abbott, D.C., see Kudritzki, R.P., et al. **219**, 205
Alfaro, E.J., see Delgado, A.J. **219**, 121
Andersen, J., Lindgren, H., Hazen, M.L., Mayor, M.: The pre-main-sequence binary system AK Scorpii **219**, 142
Atoyan, A.M., Nahapetian, A.: Active galactic nuclei as accreting turbulent synchrotron-self-Compton sources **219**, 53
Bajaja, E., Cappa de Nicolau, C.E., Martín, M.C., Morras, R., Olano, C.A., Pöppel, W.G.L.: A survey of several southern high-velocity complexes **219**, 363 *(78, 345)*
Balthasar, H., see Wöhl, H. **219**, 313
Baratta, G.A., Catalano, F.A., Leone, F., Strazzulla, G.: Post-perihelion photometry of comet Liller (1988a) at Catania (Italy) Observatory **219**, 322
Bertelli, G., see Chiosi, C., et al. **219**, 167
Beuermann, K., see Motch, C., et al. **219**, 158
Beuermann, K., Thomas, H.-C., Giommi, P., Tagliaferri, G., Schwope, A.D.: EXO 032957-2606.9: a new long-period probable AM Herculis binary **219**, L7
Biermann, P.L., see Chini, R., et al. **219**, 87
Bildhauer, S.: Freely propagating polarized radiation in curved space-times **219**, 25
Blackwell, D.E., see Petford, A.D. **219**, 366 *(78, 511)*
Börner, G., Houjun Mo, Yaoquan Chu: Richness-dependence of cluster-cluster correlations **219**, 29
Bouchet, P., see Maurice, E., et al. **219**, 365 *(78, 445)*
Brosche, P., Tassie, L.J.: A scenario for the formation of astronomical objects from superstrings **219**, 13
Bujarrabal, V., Gómez-González, J., Planesas, P.: CO and SiO thermal emission in evolved stars **219**, 256
Buontempo, M.E., see Lagerkvist, C.-I., et al. **219**, 366 *(78, 519)*
Butler, K., see Schöning, T. **219**, 326
Byard, K., see Dean, A.J., et al. **219**, 358
Canalle, J.B.G., Opher, R.: Cyclotron spectrum from a dipole magnetic field accretion column **219**, 334
Cappa de Nicolau, C.E., see Bajaja, E., et al. **219**, 363 *(78, 345)*
Carquillat, J.M., see Pédoussaut, A., et al. **219**, 364 *(78, 441)*
Catalano, F.A., see Baratta, G.A., et al. **219**, 322
Cavarischia, G.A., Morras, R.: Study of the fine structure in a high-positive velocity cloud **219**, 364 *(78, 437)*
Cellino, A., Di Martino, M., Drummond, J., Farinella, P., Paolicchi, P., Zappalà, V.: Vesta's shape, density and albedo features **219**, 320
Chini, R., Kreysa, E., Biermann, P.L.: The nature of radio-quiet quasars **219**, 87
Chini, R., see Meisenheimer, K., et al. **219**, 63
Chiosi, C., Bertelli, G., Meylan, G., Ortolani, S.: Globular clusters in the Large Magellanic Cloud: NGC 1866, a test for convective overshoot **219**, 167
Chyba, C.F., Jankowski, D.G., Nicholson, P.D.: Tidal evolution in the Neptune-Triton system **219**, L23
Clariá, J.J., Lapasset, E., Minniti, D.: Photometric metal abundances of high-luminosity red stars in young and intermediate-age open clusters **219**, 363 *(78, 363)*
Clavel, J., see Rodríguez-Pascual, P.M., et al. **219**, 101
Couteau, P., Docobo, J.A., Elipe, A., Ling, J.F.: Measurements of visual double stars made with the 152 cm telescope at Calar Alto **219**, 365 *(78, 483)*
Dachs, J., Poetzel, R., Kaiser, D.: Spectral energy distributions of Be stars. III. Envelope models derived from new measurements for 17 stars **219**, 365 *(78, 487)*
David, M., see Verschueren, W. **219**, 105
Dean, A.J., Lei Fan, Byard, K., Goldwurm, A., Hall, C.J., Harding, J.S.J.: The gamma-ray emissivity of the Earth's atmosphere **219**, 358
Delgado, A.J., Alfaro, E.J.: The calibration of intrinsic colours in *uvby* photometry **219**, 121
Deng, Z.-G., see Wen, Z., et al. **219**, 1
Dewdney, P.E., see Joncas, G., et al. **219**, 303
Di Martino, M., see Cellino, A., et al. **219**, 320
Docobo, J.A., see Couteau, P., et al. **219**, 365 *(78, 483)*
Dominiczak, R., see Stępien, K. **219**, 197
Drummond, J., see Cellino, A., et al. **219**, 320
Duncan, D.K., see Rutten, R.G.M., et al. **219**, 239
Edvardsson, B., see Tomkin, J., et al. **219**, L15
Elipe, A., see Couteau, P., et al. **219**, 365 *(78, 483)*
Fabbri, R., Lucchin, F., Matarrese, S.: The effect of primordial perturbations on the extragalactic infrared background **219**, 7
Farinella, P., see Cellino, A., et al. **219**, 320
Faurobert-Scholl, M., Frisch, H.: Asymptotic analysis of resonance polarization and escape probability approximations **219**, 338
Fitzpatrick, E.L., see Walborn, N.R., et al. **219**, 229
Fricke, K.J., see Kollatschny, W. **219**, 34
Frisch, H., see Faurobert-Scholl, M. **219**, 338
Fuentes, F.J., see Navarro, R., et al. **219**, 362
Fürst, E., see Schlickeiser, R. **219**, 192

Gérin, M., see Le Bourlot, J., et al. **219**, 279
Gibbs, P., see Lagerkvist, C.-I., et al. **219**, 366 *(78, 519)*
Gillet, D., Mouchet, M., North, P.: The Hα profile of Algol **219**, 219
Gilmozzi, R., see Walborn, N.R., et al. **219**, 229
Ginestet, N., see Pédoussaut, A., et al. **219**, 364 *(78, 441)*
Giommi, P., see Beuermann, K., et al. **219**, L7
Goldwurm, A., see Dean, A.J., et al. **219**, 358
Gómez-González, J., see Bujarrabal, V., et al. **219**, 256
González, R., see Walborn, N.R., et al. **219**, 229
Guo, Z.H., see Huang, L., et al. **219**, 364 *(78, 431)*
Gustafsson, B., see Tomkin, J., et al. **219**, L15
Habing, H.J., see te Lintel Hekkert, P., et al. **219**, 364 *(78, 399)*
Haisch, B.M.: A relation between Balmer and soft X-ray emission in flares **219**, 317
Hall, C.J., see Dean, A.J., et al. **219**, 358
Harding, J.S.J., see Dean, A.J., et al. **219**, 358
Harju, J.: HCN and HNC observations towards dark clouds **219**, 293
Hazen, M.L., see Andersen, J., et al. **219**, 142
Hillebrandt, W., Meyer, F.: A common envelope model for SN 1987A **219**, L3
Hillebrandt, W., see Janka, H.-T. **219**, 363 *(78, 375)*
Hiltner, P.R., see Meisenheimer, K., et al. **219**, 63
Houjun Mo, see Börner, G., et al. **219**, 29
Hsu, J.C., see Huang, L., et al. **219**, 364 *(78, 431)*
Huang, L., Hsu, J.C., Guo, Z.H.: A search for time variability and its possible regularities in linear polarization of Be stars **219**, 364 *(78, 431)*
Hutsemékers, D., Surdej, J.: Revisited mass-loss rates for a sample of central stars of planetary nebulae **219**, 237
Isliker, H., Nussbaumer, H., Vogel, M.: Eclipse cross-sections of cool components in double star systems **219**, 271
Janka, H.-T., Hillebrandt, W.: Monte Carlo simulations of neutrino in type II supernovae **219**, 363 *(78, 375)*
Jankowski, D.G., see Chyba, C.F., et al. **219**, L23
Joncas, G., Roger, R.S., Dewdney, P.E.: New radio observations of two supernova remnants in Cassiopeia: G 126.2+1.6 and G 127.1+0.5 **219**, 303
Kaiser, D., see Dachs, J., et al. **219**, 365 *(78, 487)*
Khan, J.I., see Melrose, D.B. **219**, 308
Koester, D., Weidemann, V.: Detection of Lyman α in the spectrum of a white dwarf with helium atmosphere **219**, 276
Kollatschny, W., Fricke, K.J.: The group environment of Seyfert galaxies. I **219**, 34
Kreysa, E., see Chini, R., et al. **219**, 87
Kudritzki, R.P., Pauldrach, A., Puls, J., Abbott, D.C.: Radiation-driven winds of hot stars. VI. Analytical solutions for wind models including the finite cone angle effect **219**, 205
Lagerkvist, C.-I., Magnusson, P., Williams, I.P., Buontempo, M.E., Gibbs, P., Morrison, L.V.: Physical studies of asteroids. XIX. Phase relations and composite lightcurves obtained with the Carlsberg Meridian Circle **219**, 366 *(78, 519)*
Lambert, D.L., see Tomkin, J., et al. **219**, L15
Lapasset, E., see Clariá, J.J., et al. **219**, 363 *(78, 363)*
Le Bourlot, J., Gérin, M., Pérault, M.: ^{12}CO ($J=1-0$) and ($J=2-1$) mapping of the ζ Ophiuchi diffuse cloud **219**, 279
Lefèvre, J.: Radiation pressure on circumstellar grains. Opacity effects **219**, 265
Lei Fan, see Dean, A.J., et al. **219**, 358
Leone, F., see Baratta, G.A., et al. **219**, 322
Lewis, D.A.: Detection of weak signals in TeV gamma-ray astronomy: dc excess vs. periodic amplitude **219**, 352
Liljeström, T.: Rotating $H^{13}Co^+$ disk and corotating $H^{12}Co^+$ lobes in the L 1551 outflow source **219**, L19
Lindgren, H., see Andersen, J., et al. **219**, 142
Ling, J.F., see Couteau, P., et al. **219**, 365 *(78, 483)*
Liu, Y.-Z., see Wen, Z., et al. **219**, 1
Longair, M.S., see Meisenheimer, K., et al. **219**, 63
Lucchin, F., see Fabbri, R., et al. **219**, 7
Magnusson, P., see Lagerkvist, C.-I., et al. **219**, 366 *(78, 519)*
Maitzen, H.M., Pavlovski, K.: *Δa*-photometry of λ Bootis stars **219**, 253
Mamon, G.A.: A compact group in Virgo **219**, 98
Martin, N., see Maurice, E., et al. **219**, 365 *(78, 445)*
Martín, M.C., see Bajaja, E., et al. **219**, 363 *(78, 345)*
Matarrese, S., see Fabbri, R., et al. **219**, 7
Maurice, E., Bouchet, P., Martin, N.: *BVR* photoelectric photometry of late-type stars and a compilation of other data in the Small Magellanic Cloud **219**, 365 *(78, 445)*
Mayor, M., see Andersen, J., et al. **219**, 142
Mayor, M., see Mermilliod, J.-C. **219**, 125
Meisenheimer, K., Röser, H.-J., Hiltner, P.R., Yates, M.G., Longair, M.S., Chini, R., Perley, R.A.: The synchrotron spectra of radio hot spots **219**, 63
Melrose, D.B., Khan, J.I.: Comments on the photospheric dynamo model of Hénoux and Somov **219**, 308
Mermilliod, J.-C., Mayor, M.: Red giants in open clusters. I. Binarity and stellar evolution in five Hyades-generation clusters: NGC 2447, 2539, 2632, 6633 and 6940 **219**, 125
Mewe, R., see Rutten, R.G.M., et al. **219**, 239
Meyer, F., see Hillebrandt, W. **219**, L3
Meylan, G., see Chiosi, C., et al. **219**, 167
Minniti, D., see Clariá, J.J., et al. **219**, 363 *(78, 363)*
Mitra, A.K.: Implications for the detection of ultra-high-energy gamma rays from Sco X-1 **219**, L1
Morras, R., see Bajaja, E., et al. **219**, 363 *(78, 345)*
Morras, R., see Cavarischia, G.A. **219**, 364 *(78, 437)*
Morrison, L.V., see Lagerkvist, C.-I., et al. **219**, 366 *(78, 519)*
Motch, C., Pakull, M.W., Mouchet, M., Beuermann, K.: An X-ray and optical study of the low-mass X-ray source 4U 1556-605 **219**, 158
Mouchet, M., see Gillet, D., et al. **219**, 219
Mouchet, M., see Motch, C., et al. **219**, 158
Musielak, Z.E., see Rosner, R. **219**, L27
Nahapetian, A., see Atoyan, A.M. **219**, 53
Navarro, R., Fuentes, F.J., Nieto-Vesperinas, M.: *Erratum:* Simulated annealing image reconstruction in photon-limited stellar speckle interferometry **219**, 362
Nicholson, P.D., see Chyba, C.F., et al. **219**, L23
Nieto-Vesperinas, M., see Navarro, R., et al. **219**, 362
Nissen, P.E., see Tomkin, J., et al. **219**, L15
North, P., see Gillet, D., et al. **219**, 219
Nussbaumer, H., see Isliker, H., et al. **219**, 271
Olano, C.A., see Bajaja, E., et al. **219**, 363 *(78, 345)*
Opher, R., see Canalle, J.B.G. **219**, 334
Ortolani, S., see Chiosi, C., et al. **219**, 167
Pakull, M.W., see Motch, C., et al. **219**, 158
Paolicchi, P., see Cellino, A., et al. **219**, 320
Pauldrach, A., see Kudritzki, R.P., et al. **219**, 205
Pavlovski, K., see Maitzen, H.M. **219**, 253

Pédoussaut, A., Carquillat, J.M., Ginestet, N.: Contribution to the study of F-G-K-M binaries. V. Orbital elements of the spectroscopic binary HD 189578 **219**, 364 *(78, 441)*
Pérault, M., see Le Bourlot, J., et al. **219**, 279
Perley, R.A., see Meisenheimer, K., et al. **219**, 63
Perrin, J.-M., Sivan, J.-P.: Diffuse interstellar extinction: the nature of the dust component **219**, 286
Petford, A.D., Blackwell, D.E.: Stellar integrated fluxes in the wavelength range 380 nm–900 nm derived from Johnson 13-colour photometry **219**, 366 *(78, 511)*
Planesas, P., see Bujarrabal, V., et al. **219**, 256
Pöppel, W.G.L., see Bajaja, E., et al. **219**, 363 *(78, 345)*
Poetzel, R., see Dachs, J., et al. **219**, 365 *(78, 487)*
Prévot, L., see Walborn, N.R., et al. **219**, 229
Prévot, M.L., see Walborn, N.R., et al. **219**, 229
Puls, J., see Kudritzki, R.P., et al. **219**, 205
Renson, P.: *Erratum et addendum:* Catalogue of Ap and Am stars in open clusters **219**, 366 *(78, 533)*
Rodríguez-Pascual, P.M., Santos-Lleó, M., Clavel, J.: A comparative study of the discrete and cross correlation techniques: an application to the NGC 5548 IUE light-curve **219**, 101
Röser, H.-J., see Meisenheimer, K., et al. **219**, 63
Roger, R.S., see Joncas, G., et al. **219**, 303
Rosner, R., Musielak, Z.E.: The generation of MHD waves by forced turbulence in a weakly magnetized fluid **219**, L27
Rufener, F.: Catalogue of stars measured in the Geneva Observatory photometric system (fourth edition) **219**, 365 *(78, 469)*
Rutten, R.G.M., Schrijver, C.J., Zwaan, C., Duncan, D.K., Mewe, R.: Magnetic structure in cool stars. XVI. Emissions from the outer atmospheres of M-type dwarfs **219**, 239
Santos-Lleó, M., see Rodríguez-Pascual, P.M., et al. **219**, 101
Schlickeiser, R., Fürst, E.: The origin of flat radio spectra in shell-type supernova remnants **219**, 192
Schöning, T., Butler, K.: Stark broadening of He II lines and new results in astrophysical spectroscopy **219**, 326
Schrijver, C.J., see Rutten, R.G.M., et al. **219**, 239
Schwope, A.D., see Beuermann, K., et al. **219**, L7
Sivan, J.-P., see Perrin, J.-M. **219**, 286
Stępien, K., Dominiczak, R.: Effective temperatures of Ap stars **219**, 197
Strazzulla, G., see Baratta, G.A., et al. **219**, 322
Surdej, J., see Hutsemékers, D. **219**, 237
Tagliaferri, G., see Beuermann, K., et al. **219**, L7
Tassie, L.J., see Brosche, P. **219**, 13
te Lintel Hekkert, P., Versteege-Hensel, H.A., Habing, H.J., Wiertz, M.: A catalogue of stellar 1612 MHz maser sources **219**, 364 *(78, 399)*
Thomas, H.-C., see Beuermann, K., et al. **219**, L7
Tomkin, J., Lambert, D.L., Edvardsson, B., Gustafsson, B., Nissen, P.E.: HR 107 – an F-type mild barium dwarf star **219**, L15
van Amerongen, S., van Paradijs, J.: Detection of a brief outburst from the intermediate polar V 1223 Sgr **219**, 195
van Paradijs, J., see van Amerongen, S. **219**, 195
Verschueren, W., David, M.: The effect of gas removal on the dynamical evolution of young stellar clusters **219**, 105
Versteege-Hensel, H.A., see te Lintel Hekkert, P., et al. **219**, 364 *(78, 399)*
Vogel, M., see Isliker, H., et al. **219**, 271
Walborn, N.R., Prévot, M.L., Prévot, L., Wamsteker, W., González, R., Gilmozzi, R., Fitzpatrick, E.L.: The spectrograms of Sanduleak −69°202, precursor to Supernova 1987A in the Large Magellanic Cloud **219**, 229
Wamsteker, W., see Walborn, N.R., et al. **219**, 229
Weidemann, V., see Koester, D. **219**, 276
Wen, Z., Deng, Z.-G., Liu, Y.-Z., Xia, X.-Y.: The fractal dimension in the large-scale distribution of galaxies with different luminosities **219**, 1
Wiertz, M., see te Lintel Hekkert, P., et al. **219**, 364 *(78, 399)*
Wiklind, T.: Abundant molecular gas in the starburst galaxy IRAS 0833+652 **219**, L11
Williams, I.P., see Lagerkvist, C.-I., et al. **219**, 366 *(78, 519)*
Winkler, H., Wolf, B.: An analysis of high resolution spectra of the B[e]-stars CPD-52°9243 and MWC 300 **219**, 151
Wöhl, H., Balthasar, H.: The solar rotation 1883 until 1893 as inferred from the Greenwich photoheliographic results and observations published by G. Spörer **219**, 313
Wolf, B., see Winkler, H. **219**, 151
Xia, X.-Y., see Wen, Z., et al. **219**, 1
Yaoquan Chu, see Börner, G., et al. **219**, 29
Yates, M.G., see Meisenheimer, K., et al. **219**, 63
Zappalà, V., see Cellino, A., et al. **219**, 320
Zwaan, C., see Rutten, R.G.M., et al. **219**, 239